

SN 09/530,815
Art Unit 1713

IN THE CLAIMS

The amendments filed April 22, 2003 and May 8, 2003 have been withdrawn.

Claims 6-26 are currently in the application.

Claims 1-5 (cancelled)

6. (Currently Amended) A polyacrylate jointing compound comprised of:

(a) 10% to 60% by weight of at least one or more copolymers containing residues of from 85% to 98% by weight of constitutional units provided by at least one acrylate and from 2% to 10% by weight of constitutional units provided by residues of acrylonitrile, wherein the acrylate is an ester of acrylic acid and an alcohol containing 2 to 8 carbon atoms;

(b) 0.2% to 15% by weight of at least one or more fatty compounds as a plasticizer;
and

(c) 5% to 20 percent by weight of water;

(d) up to 70% by weight of fillers; and

(e) 0.3% to 5% by weight of auxiliaries

wherein said polyacrylate jointing compound is in paste form; the percent by weight of the constitutional units of the copolymer being based on the weight of the copolymer and the percent by weight of components (a) through (e) being based on the weight of the jointing compound.

7. (Currently Amended) The polyacrylate jointing compound of claim 6 comprising ~~40~~ 15% to 60% by weight of the jointing compound of component (a).

8. (Currently Amended) The polyacrylate jointing compound of claim 6 comprising ~~0.2~~ 1% to ~~15%~~ 10% by weight of the jointing compound of component (b).

9. (Currently Amended) The polyacrylate jointing compound of claim 6 comprising ~~5~~ 10% to 20% 15% by weight of the jointing compound of water.

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10. (Currently Amended) The polyacrylate jointing compound of claim 6 additionally comprising at least one component selected from the group consisting of fillers and pigments in an amount ~~up to 70%~~ of from 20% to 60% by weight of the jointing compound.

11. (Currently Amended) The polyacrylate jointing compound of claim 6 additionally comprising ~~0.3 to 5%~~ 1% to 2.5% by weight of the jointing compound of one or more auxiliaries.

DI 12. (Currently Amended) The polyacrylate jointing compound of claim 6 comprising a copolymer of ~~85~~ 90% to 98% by weight of constitutional units provided by acrylates residues and ~~2~~ 4% to ~~40%~~ 8% by weight of constitutional units provided by acrylonitrile residues.

13. (Previously Added) The polyacrylate jointing compound of claim 6 comprising one or more fatty acid esters.

14. (Previously Added) The polyacrylate jointing compound of claim 6 comprising epoxystearic acid methyl ester.

15. (Previously Added) The polyacrylate jointing compound of claim 6 wherein said fatty compounds are the only plasticizers present.

16. (Currently Amended) The polyacrylate jointing compound of claim 6 comprising a copolymer comprising constitutional units provided by butyl acrylate residues and acrylonitrile.

17. (Previously Added) The polyacrylate jointing compound of claim 6 comprising one

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or more fatty compounds selected from the group consisting of fatty acids, fatty alcohols and derivatives thereof and having a molecular weight between 300 and 1,500.

18. (Previously Added) An improved method for joining a first substrate to a second substrate having a coefficient of thermal expansion or an elastic behavior which is different from that of the first substrate, the improvement comprising using the polyacrylate jointing compound of claim 6 to join the first substrate and the second substrate.

19. (Currently Amended) A polyacrylate jointing compound comprised of:

- DI
- (a) ~~40~~ 15% to 60% by weight of one or more copolymers comprising ~~residues of from 85% to 98% by weight of constitutional units provided by~~ at least one acrylate and ~~residues of from 2% to 10% by weight of constitutional units provided by~~ acrylonitrile, wherein the acrylate is an ester of acrylic acid and an alcohol containing 2 to 8 carbon atoms;
 - (b) ~~0-2~~ 1% to 45% 10% by weight of at least one or more fatty compounds selected from the group consisting of fatty acids, fatty alcohols and derivatives thereof;
 - (c) one or more additional components selected from the group consisting of fillers and pigments, in an amount ~~not greater than 70%~~ of from 20% to 60% by weight.
 - (d) ~~0-3~~ 1% to 5% 2.5% by weight of one or more auxiliaries, and
 - (e) ~~5~~ 10% to 20% 15% by weight of water;

wherein said polyacrylate jointing compound is in paste form; the percent by weight of the constitutional units of the copolymer being based on the weight of the copolymer and the percent by weight of components (a) through (e) being based on the weight of the jointing compound.

20. (Currently Amended) The polyacrylate jointing compound of claim 19 wherein (a) is at least one copolymer comprising ~~85~~ 90% to 98% by weight of constitutional units provided by acrylate residues and 2% to 40% 8% by weight of constitutional units provided by

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acrylonitrile residues.

21. (Previously Added) The polyacrylate jointing compound of claim 19 comprising one or more fatty acid esters.

22. (Previously Added) The polyacrylate jointing compound of claim 19 wherein said fatty compounds are the only plasticizers present.

DI 23. (Currently Amended) The polyacrylate jointing compound of claim 19 comprising a copolymer comprising constitutional units provided by butyl acrylate residues and acrylonitrile residues.

24. (Currently Amended) An improved method for joining a first substrate to a second substrate having a coefficient of thermal expansion or an elastic behavior which is different from that of the first substrate, the improvement comprising: using the polyacrylate jointing compound of claim 19 to join the first substrate and the second substrate

25. (Previously Amended) A process for producing the polyacrylate jointing compound of claim 6 comprising:

- 1) forming a mixture of component (b) and component (a);
- 2) adding with mixing components (c) and (d) in any order; and
- 3) adjusting viscosity of the jointing compound if necessary, by addition of water.

26 (Previously added) The process of claim 25 wherein component (a) is in aqueous dispersion form.